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FORM PTO-1449			ATTY. DOCKET NO. 0942.4640001	APPLICATION NO. 09/438,358
<u>FIRST SUPPL. INFORMATION DISCLOSURE STATEMENT</u>			APPLICANT Gerard et al.	
			FILING DATE November 12, 1999	GROUP 1636

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA4						
<i>ABZ</i>	AB4	5,286,632	02/15/1994	Jones, D.H.	435	91.2	01/09/1991
<i>ABZ</i>	AC4	6,143,557	11/07/2000	Hartley et al.	435	320.1	01/20/1999
<i>ABZ</i>	AD4	6,171,861 B1	01/09/2001	Hartley et al.	435	455	01/12/1998
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>ABZ</i>	AL4	WO 91/02801	03/07/1991	WIPO/PCT			Yes No
<i>ABZ</i>	AM4	WO 94/09127	04/28/1994	WIPO/PCT			Yes No
<i>ABZ</i>	AN4	WO 98/53056	11/26/1998	WIPO/PCT			Yes <input checked="" type="checkbox"/> No
<i>ABZ</i>	AO4	WO 99/21977	05/06/1999	WIPO/PCT			Yes No
<i>ABZ</i>	AP4	WO 99/25851	05/27/1999	WIPO/PCT			Yes <input checked="" type="checkbox"/> No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>62</u>	
	AS	<u>62</u>	
<i>ABZ</i>	AT	<u>62</u>	Dale, E.C., and Ow, D.W., "Mutations in the Cre/lox recombination site enhance the stability of recombination products: Applications for gene targeting in plants," J. Cell. Biochem. 16(Suppl. F):206, abstract no. Y 108 (1992).

EXAMINER	<i>Donald S. Kappel</i>	DATE CONSIDERED	9-19-01
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AAZ	AL5	WO 99/55851	11/04/1999	WIPO/PCT			Yes No
AAZ	AM5	EP 1 035 208	09/13/2000	Europe			Yes No
AAZ	AN5	WO 00/60091	10/12/2000	WIPO/PCT			Yes No
AAZ	AOS	WO 01/05961	01/25/2001	WIPO/PCT			Yes No
AAZ	AP5	WO 01/11058	02/15/2001	WIPO/PCT			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AAZ	AR	63	Davies, J., and Riechmann, L., "An antibody VH domain with a lox-Cre site integrated into its coding region: bacterial recombination within a single polypeptide chain," <i>FEBS Letts.</i> 377:92-96 (1995).
AAZ	AS	63	Krafte, D.S., et al., "Stable Expression and Functional Characterization of a Human Cardiac Na ⁺ Channel Gene in Mammalian Cells," <i>J. Mol. Cell. Cardiol.</i> 27:823-830 (1995).
AAZ	AT	63	Lee, G., and Saito, I., "Role of nucleotide sequences of loxP spacer region in Cre-mediated recombination," <i>Gene</i> 216:55-65 (August 1998).

EXAMINER

Gerald A. Leff

DATE CONSIDERED

9-19-01

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		APPLICANT Gerard et al.	
		FILING DATE November 12, 1999	GROUP 1636

U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	O I P E P A T E N T & T R A D E M A R K O F F I C E M A R 8 8 2 0 0 1 J C 1 4 7	CLASS	SUB-CLASS	FILING DATE
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>ASL</i>	AR	<u>64</u>	Simpson, J.C., et al., "Systematic subcellular localization of novel proteins identified by large-scale cDNA sequencing," <i>EMBO Rep.</i> 1:287-292 (September 2000).
<i>ASL</i>	AS	<u>64</u>	Venkatesh, T.V., and Radding, C.M., "Ribosomal Protein S1 and NusA Protein Complexed to Recombination Protein β of Phase λ ," <i>J. Bacteriol.</i> 175:1844-1846 (1993).
<i>ASL</i>	AT	<u>64</u>	Dialog File 351 (Derwent World Patents Index), English language abstract for WIPO/PCT Publication No. WO 98/53056 (Doc. No. AN4), Derwent WPI Accession No. 1999-000502/199901.

EXAMINER	<i>Donald A. Leppla</i>	DATE CONSIDERED <u>9-19-01</u>
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>AA2</i>	AR	65	Dialog File 351 (Derwent World Patents Index), English language abstract for WIPOT/PCT Publication No. WO 98/53056 (Doc. No. AN4), Derwent WPI Accession No. 1999-347485/199929.
	AS		
	AT		

EXAMINER

Gerald S. Heffner

DATE CONSIDERED *9-19-01*

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FORM PTO-1449

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.4640001APPLICATION NO.
09/438,358APPLICANT
Gerard et al.FILING DATE
November 12, 1999GROUP
1636

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
<i>AAZ</i>	AE4	5,650,308	07/22/1997	Baum	435	172.3	06/07/1995
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>AAZ</i>	AL6	WO 95/00555	01/05/1995	WIPO/PCT			Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
<i>AAZ</i>	AS	65	Albert, H., et al., "Site-specific integration of DNA into wild-type and mutant lox sites placed in the plant genome," <i>Plant J.</i> 7:649-659, Oxford Bios Scientific Publishers And Blackwell Scientific Publications In Association With The Society For Experimental Biology (1995).
<i>AAZ</i>	AT	65	Dale, E.C., and Ow, D.W., "Mutations in the Cre/Lox Recombination Site Enhance the Stability of Recombination Products: Applications for Gene Targeting in Plants," <i>J. Cell. Biochem.</i> 16(Suppl. F):206, Abstract No. Y 108, Wiley-Liss, Inc. (1992).

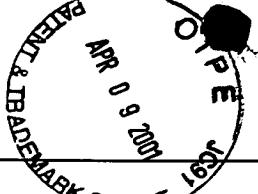
EXAMINER

Todd A Heffner

DATE CONSIDERED

9-19-01

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FORM PTO-1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 0942.4640001	APPLICATION NO. 09/438,358
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>AR</i>	AR	<u>66</u>	Hall, R.M., and Collis, C.M., "Mobile gene cassettes and integrons: capture and spread of genes by site-specific recombination," <i>Mol. Microbiol.</i> 15:593-600, Blackwell Scientific Publications (February 1995).
<i>AS</i>	AS	<u>66</u>	Jayaram, M., "The <i>Int</i> family of site-specific recombinases: Some thoughts on a general reaction mechanism," <i>J. Genet.</i> 67:29-36, Indian Academy of Sciences (1988).
<i>AT</i>	AT	<u>66</u>	Zahra, D.G., et al., "Selective in-vivo recombination to increase antibody library size - an improved phage display vector system," <i>Gene</i> 227:49-54, Elsevier Science Publishers B.V. (February 1999).

EXAMINER <i>Gerald S. Heffner</i>	DATE CONSIDERED <i>9-19-01</i>
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